

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	54	375/237.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 07:46
S2	6	("3847732"   "5050188"   "5581368"   "5587797"   "5675609"   "6072829").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/10/19 16:42
S3	23	S1 and binary	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/10/19 16:42
S4	4346	frequenc\$4 with pulse with binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/19 17:48
S5	946	cod\$4 with frequenc\$4 with pulse with binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/19 17:48
S6	2	pulse group duration cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 13:54
S7	1450	pulse group duration cod\$4 or pgd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 07:47
S8	1450	(pulse group duration cod\$4) or pgd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 07:47
S9	38556	pulse width modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 07:48

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S10	43	S9 with binary cod\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 07:48
S11	0	375/361.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 09:31
S12	155	375/361.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 11:00
S13	1597	pulse duration modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 11:00
S14	98	S13 same binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 11:00
S15	0	("2006/0088121").URPN.	USPAT	ADJ	OFF	2006/10/23 11:45
S16	102	332/112.ccls.	USPAT	ADJ	OFF	2006/10/23 13:56
S17	2	("4827267"   "5053682").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/10/23 11:57
S18	0	332/09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 13:54
S19	0	332/209.ccls	USPAT	ADJ	OFF	2006/10/23 13:57
S20	0	332/209.ccls.	USPAT	ADJ	OFF	2006/10/23 13:59
S21	187	332/109.ccls.	USPAT	ADJ	OFF	2006/10/23 13:59
S22	20	S21 and (binary with cod\$4)	USPAT	ADJ	OFF	2006/10/23 14:04
S23	505	(pulse near train\$1) same binary cod\$4	USPAT	ADJ	OFF	2006/10/23 14:05

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S24	234	(pulse near train\$1) with binary cod\$4	USPAT	ADJ	OFF	2006/10/23 14:35
S25	0	pulse freqenc\$4 modulat\$4	USPAT	ADJ	OFF	2006/10/23 14:36
S26	8	freqenc\$4 modulat\$4	USPAT	ADJ	OFF	2006/10/23 14:37
S27	2	("6647318").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 14:46
S28	622	375/239.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 14:47
S29	88	S28 and (binary with cod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 15:02
S30	73	(duty or durat\$4) with cycle\$1 with binary cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:16
S31	327	pulse near number near modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:08
S32	19	S31 and binary cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:09
S33	425	(duty or durat\$4) with cycle\$1 same binary cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:17

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S34	203	(duty or durat\$4) near cycle\$1 same binary cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:33
S35	1673	genie	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 17:33
S36	1	genie code	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/23 16:34
S38	2	("6181255").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/24 09:47
S39	32	("3911397"   "4081747"   "4130738"   "4263536"   "4322855"   "4328540"   "4422071"   "4529980"   "4535333"   "4581606"   "4596985"   "4623887"   "4626848"   "4652860"   "4750118"   "4825200"   "4905279"   "4912463"   "4988992"   "4999622"   "5028919"   "5081534"   "5142398"   "5319802"   "5379453"   "5442340"   "5471668"   "5475366"   "5479155"   "5564101"   "5621756"   "5661804").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/10/24 09:47
S40	16	("6181255").URPN.	USPAT	ADJ	OFF	2006/10/24 10:01
S41	37683	convert\$\$ with digit\$4 with voltage\$1	USPAT	ADJ	OFF	2006/10/24 10:01
S43	558	convert\$4 with digit\$4 with voltage\$1 with frequenc\$4 with counter\$1	USPAT	ADJ	OFF	2006/10/24 13:52
S44	233	S43 and binary	USPAT	ADJ	OFF	2006/10/24 13:35
S45	4	convert\$4 near digit\$4 near voltage\$1 with frequenc\$4 with counter\$1	USPAT	ADJ	OFF	2006/10/24 14:20
S46	1855	375/376.ccls.	USPAT	ADJ	OFF	2006/10/24 14:20
S47	469	S46 and phase lock loop	USPAT	ADJ	OFF	2006/10/24 14:21

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S48	176	S47 and binary	USPAT	ADJ	OFF	2006/10/24 14:24
S49	567	375/373.ccls.	USPAT	ADJ	OFF	2006/10/24 14:24
S50	209	S49 and binary	USPAT	ADJ	OFF	2006/10/24 14:26
S51	54	375/237.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 14:26
S52	1	S51 and (convert\$4 with digit\$4 with voltag\$4 with frequenc\$4)	USPAT	ADJ	OFF	2006/10/24 14:27
S53	2	S51 and (convert\$4 with voltag\$4 with frequenc\$4)	USPAT	ADJ	OFF	2006/10/24 14:29
S56	0	adc same (voltag\$4 near frequec\$4) convert\$4 same counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 14:31
S57	1	(voltag\$4 near frequec\$4) convert\$4 same counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 14:31
S58	1476	(voltag\$4 near frequenc\$4) convert\$4 same counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 14:31
S59	9	adc same (voltag\$4 near frequenc\$4) convert\$4 same counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 14:36
S60	1476	(voltag\$4 near frequenc\$4) convert\$4 same counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 15:09

## EAST Search History

S61	278	S60 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:27
S62	650	375/327.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:27
S63	20	S62 and binary cod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:33
S64	1	da with voltage near frequency near converter with counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:34
S65	859	voltage near frequency near converter with counter\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:34
S66	201	S65 with digit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/24 16:35
S67	48	S66 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:12

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S68	86	voltag\$4 near frequenc\$4 near convert\$4 near counter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:28
S69	9	S68 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:14
S70	3416	voltag\$4 with frequenc\$4 with convert\$4 with counter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:29
S71	779	S70 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:28
S72	980	voltag\$4 near frequenc\$4 near convert\$4 with counter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 09:29
S73	167	S72 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 10:26
S74	1	binary counter with pulse group duration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 10:27

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S75	7	binary counter with measure\$4 with interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 10:31
S76	39	binary counter with (pulse near3 measure\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 10:43
S77	1	binary counter with (pulse group near3 measure\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 10:43
S78	153	binary counter same (pulse near3 measure\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:22
S79	38	binary counter same (pulse near3 measure\$4) same voltag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 11:02
S80	5	binary counter with (pulse near3 measure\$4) same voltag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 11:03
S81	66	S78 and decod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:02

## EAST Search History

S82	18	binary counter same (pulse near3 measure\$4) same decod\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:25
S83	52	pulse near measurement near voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:27
S84	302	pulse near measurement with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:27
S85	0	binary counter same pulse near measurement with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/10/25 14:27